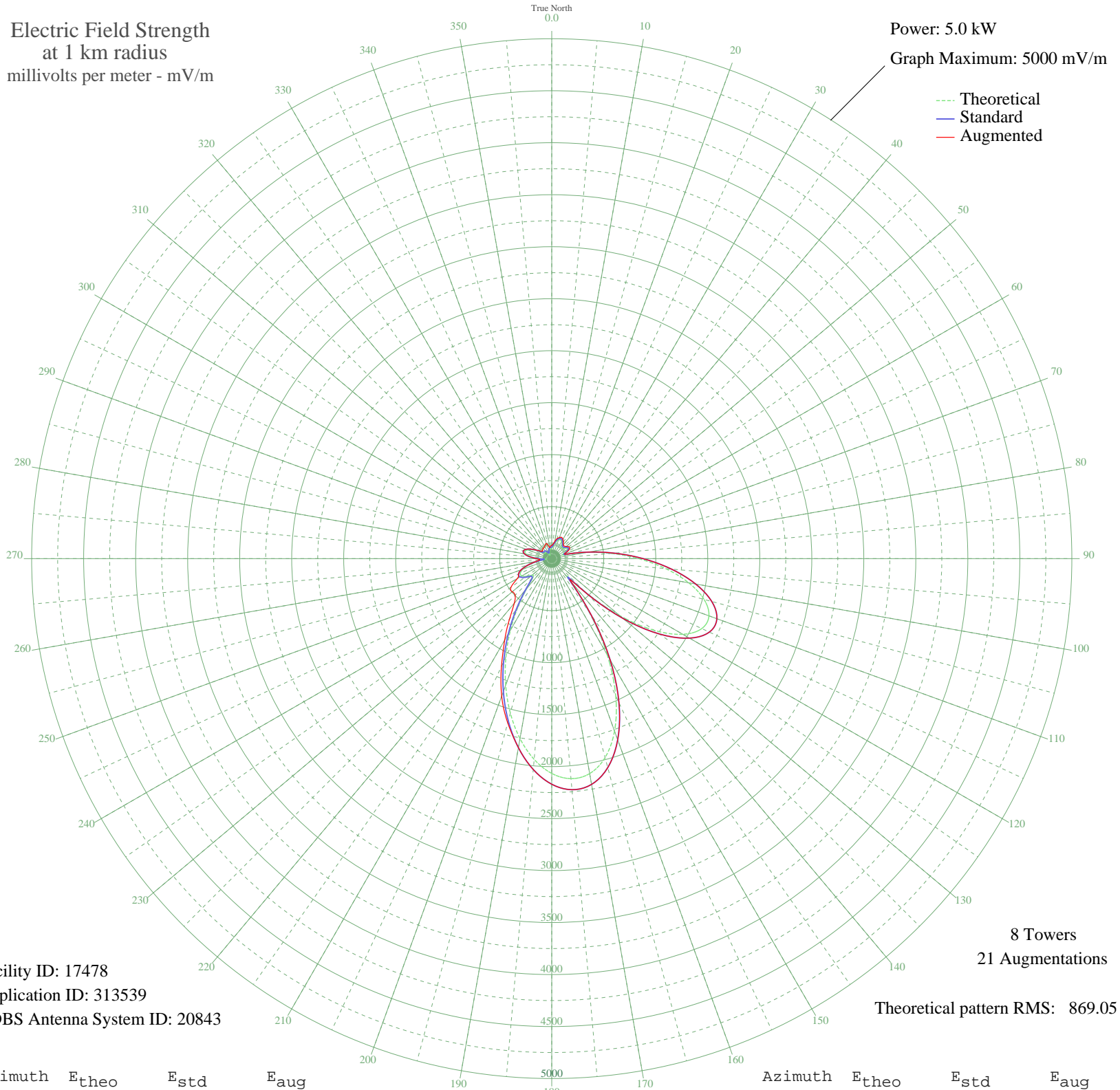


# WROA GULFPORT, MS BL-- 1390 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 17478  
Application ID: 313539  
CDBS Antenna System ID: 20843

8 Towers  
21 Augmentations  
Theoretical pattern RMS: 869.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	96.61	111.37	126.58
5	113.41	127.65	140.23
10	141.85	155.88	167.90
15	171.24	185.58	199.57
20	191.94	206.71	216.18
25	198.24	213.17	225.31
30	188.96	203.66	215.74
35	168.42	182.72	195.57
40	147.78	161.84	174.81
45	142.36	156.39	170.38
50	155.95	170.08	183.16
55	172.73	187.10	199.37
60	172.82	187.20	199.84
65	144.44	158.47	172.19
70	105.93	120.34	130.25
75	167.70	181.99	182.64
80	341.99	362.02	362.02
85	573.52	603.95	603.95
90	835.00	877.95	877.95
95	1099.61	1155.50	1155.50
100	1337.14	1404.75	1404.75
105	1516.25	1592.72	1592.72
110	1608.31	1689.35	1689.35
115	1591.71	1671.92	1671.96
120	1455.58	1529.05	1529.33
125	1202.47	1263.43	1264.22
130	850.17	893.86	895.65
135	440.68	464.99	470.56
140	238.19	254.28	282.89
145	624.70	657.55	660.40
150	1065.19	1119.40	1120.62
155	1455.14	1528.59	1529.09
160	1765.17	1854.00	1854.14
165	1981.11	2080.67	2080.68
170	2099.24	2204.68	2204.68
175	2124.03	2230.71	2230.71

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2065.81	2169.59	2169.59
185	1938.40	2035.84	2035.84
190	1757.19	1845.62	1845.62
195	1537.65	1615.18	1635.32
200	1294.55	1360.06	1407.37
205	1041.81	1094.87	1143.87
210	792.93	833.85	904.87
215	562.54	592.46	705.95
220	370.86	392.11	560.48
225	254.45	271.10	497.94
230	247.02	263.41	495.40
235	295.34	313.50	477.30
240	332.36	351.99	380.92
245	333.34	353.01	353.01
250	293.91	312.01	312.01
255	219.36	234.87	234.87
260	122.85	136.94	151.50
265	50.07	69.83	115.23
270	117.69	131.85	146.92
275	198.73	213.67	213.67
280	250.92	267.44	267.44
285	266.39	283.46	283.46
290	246.41	262.78	262.78
295	199.84	214.81	214.81
300	142.10	156.13	159.63
305	94.98	109.81	124.65
310	80.01	95.76	114.75
315	85.24	100.62	124.34
320	82.75	98.30	128.75
325	64.69	82.01	129.64
330	39.54	61.94	139.02
335	37.62	60.60	144.60
340	62.25	79.90	155.41
345	83.31	98.81	131.06
350	92.66	107.61	108.44
355	93.39	108.30	123.20